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**BOX AF**

AF 2872

**BOX AF**  
**REPLY UNDER 37 C.F.R. § 1.116**  
**EXPEDITED PROCEDURE**  
**EXAMINING GROUP 2872**

PATENT RECEIVED  
2119-0107P  
TECHNOLOGY CENTER 2800  
OCT 2 2001

**IN THE U.S. PATENT AND TRADEMARK OFFICE**

Applicant: CLARK et al. Conf.: unassigned  
Appl. No.: 09/049,121 Group: 2872  
Filed: March 27, 1998 Examiner: Phan, J.  
For: VERTICAL COMB DRIVE ACTUATED  
DEFORMABLE MIRROR DEVICE AND METHOD

**SMALL ENTITY TRANSMITTAL FORM**  
**FOR REPLY AFTER FINAL UNDER 37 C.F.R. § 1.116**

**BOX AF**

Assistant Commissioner for Patents  
Washington, DC 20231

October 31, 2001

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.
- ☐ The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

|   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |   |    | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR |   | PRESENT<br>EXTRA | RATE   | ADDITIONAL<br>FEE |
|---|---|---|----|---|---|------------------|--------|-------------------|
| TOTAL   | 34  | - | 43 | =   | 0 |                  | \$ 9   | \$0.00            |
| INDEPENDENT   | 7   | - | 7  | =   | 0 |                  | \$ 42  | \$0.00            |
| <input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM |   |   |    |   |   |                  | \$ 140 | \$0.00            |
|   |   |   |    |   |   |                  | TOTAL  | \$0.00            |

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- ☐ Petition for two (2) month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$00.00 for the extension of time.
- ☒ No fee is required.
- ☐ Check in the amount of \$00.00 is enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

  
Michael K. Mutter, #29,680

*MCM*  
MKM/MEO/ylw  
2119-0107P

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

(Rev. 09/27/01)



BOX AF  
REPLY UNDER 37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2872

PATENT  
2119-0107P

IN THE U.S. PATENT AND TRADEMARK OFFICE

|            |   |           |            |
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TECHNOLOGY CENTER 2800

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REPLY AFTER FINAL UNDER 37 C.F.R. § 1.116

BOX AF

Assistant Commissioner for Patents  
Washington, DC 20231

October 31, 2001

Sir:

In reply to the Examiner's Office Action dated July 31, 2001, please amend the  
above-identified application as follows:

In the Claims:

Please amend the claims as follows:

12.14. (Thrice Amended) A deformable mirror comprising:

a vertical electrostatic comb drive including an array of vertical comb actuators,  
wherein said vertical comb drive includes a first array of stationary elements and a second  
array of moving elements correspondingly interspersed with said first array;

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